

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Aquatic Resources
Honolulu, Hawaii 96813

April 13, 2007

Board of Land and
Natural Resources
Honolulu, Hawaii

REQUEST FOR AUTHORIZATION/APPROVAL TO ISSUE
NORTHWESTERN HAWAIIAN ISLANDS (NWHI) CONSERVATION AND
MANAGEMENT PERMIT TO CYNTHIA VANDERLIP, OF THE STATE OF HAWAII,
DEPARTMENT LAND AND NATURAL RESOURCES (DLNR), DIVISION OF FORESTRY
AND WILDLIFE (DOFAW) , VALID FROM MAY 16, 2007 TO OCTOBER 31, 2007, TO
ACCESS THE WATERS SURROUNDING KURE ATOLL IN ORDER TO REMOVE
MARINE DEBRIS.

The Division of Aquatic Resources (DAR) hereby submits a request for your authorization and approval for issuance of a NWHI Conservation and Management Permit to Applicant Cynthia Vanderlip of DLNR, DOFAW, pursuant to § 13-60.5, *Hawaii Administrative Rules*, and § 187A-6, *Hawaii Revised Statutes*, and all other applicable laws and regulations. The Conservation and Management Permit, described below, will allow activity to occur in the NWHI State marine Refuge (0-3 miles) waters surrounding Kure Atoll.

The activities covered under this permit will occur from May 16, 2007 through October 31, 2007, as outlined below and in the attached permit application.

INTENDED ACTIVITIES

Removing marine debris from Kure Atoll addresses the need to minimize the damage debris causes to living resources. Thousands of pounds of derelict fishing gear drift into Kure Atoll's lagoon annually. The debris washes into the lagoon and snags on coral heads, killing coral and destroying the coral reef ecosystem. Monk seals, turtles, seabirds, fish and invertebrates are injured or killed when they become entangled. Since 2002, DLNR/DOFAW personnel have removed an average of 3000 pounds of marine debris per year.

The leader of this project has 20 years of experience removing nets and lines from coral reefs and will supervise all activities. The debris removal protocols include: 1) nets will be cut, not pulled, from the reef to lessen the impact on the corals; 2) divers using snorkeling equipment will be careful to not damage the surrounding reef while they remove debris; 3) broken coral, coralline algae fragments and other living organisms entangled in nets will be removed underwater and returned to the coral reef, and marine mammals and turtles will be removed according to NMFS protocols; 4) data on the location and types of debris removed will be collected in accordance

with NOAA marine debris removal program and the data will be shared with them; 5) vessels with shallow draft will be positioned in close proximity to the debris to lessen the effect of snagging the debris on other corals as it is transported to the vessel, kayaks will be used in areas that are too shallow for motor vessels, and anchoring will be limited to sandy areas far enough away from the reef to avoid chain and line damage to the reef; 6) debris will be catalogued and stored on Kure's pier under tarps until NOAA marine debris teams remove it.

Vessel transportation will be provided by the NOAA R/V Oscar Elton Sette, and the NOAA R/V Hiialakai. Aircraft transportation will be via aircraft chartered by the USFWS Office of Aircraft Services (presently a Gulfstream G-IV to Midway Atoll).

REVIEW PROCESS

The permit application was received by the Division of Aquatic Resources on or before February 1, 2007. It was sent out for review and comment to the following scientific entities: Division of Aquatic Resources staff, Papahānaumokuākea Marine National Monument, NOAA Pacific Islands Regional Office (NOAA-PIRO), and United States Fish and Wildlife Service. Native Hawaiians from the Office of Hawaiian Affairs (OHA), and the Kahoolawe Island Reserve Commission (KIRC) were also consulted.

Comments were received from NOAA-PIRO, which submitted favorable reviews.

No Comments were received from the DAR, USFWS, OHA or KIRC.

IMPACT ANALYSIS

Removing marine debris is critical to the State of Hawaii's efforts to mitigate the impact of derelict fishing gear at Kure Atoll. Although some disturbance to corals and other sea life is necessary to achieve the objective of this project, overall, the collection should have minimal impact on Monument resources. Debris removal will decrease the negative impact of marine debris on marine resources in State of Hawaii waters. Debris removal will have a positive cumulative impact of increasing the survival rate of these resources by increasing their potential to thrive in manners uninhibited by the damage caused by debris. Therefore, the end value of the activity outweighs the effects of the proposed disturbance associated with the physical removal of the debris.

FINAL STAFF RECOMMENDATIONS:

DAR staff is of the opinion that Applicant has properly demonstrated valid justifications for her application and should be allowed to enter the NWHI State waters and to conduct the activities therein as specified in the application with the following special instructions and conditions, which are in addition to the General Conditions imposed by the Application Guidelines:

1. Direct that Applicant and associated staff shall be briefed on Native Hawaiian cultural traditions and practices at least once a year, and that Applicant shall consider providing additional access for Native Hawaiian cultural studies or practices as appropriate.

2. Direct that the hulls of the support vessel and all tender vessels must be certified and documented free of fouling organisms before each cruise to the NWHI. This procedure must be performed prior to each departure from the Main Hawaiian Islands. Inspection records must be immediately submitted to DAR upon request.
3. Swimming and snorkeling are allowed only for research activities and for personal hygiene.
4. Direct that all forms of fishing, no matter whether for subsistence, sustenance, commercial, or recreational purposes, are prohibited in State waters.

RECOMMENDATION:

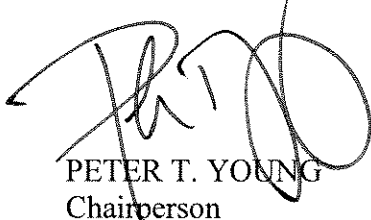
“That the Board authorize and approve, with stated conditions, a Conservation and Management Permit to Cynthia Vanderlip of DLNR, DOFAW, for activities and access within the State waters of the NWHI for the purpose of marine debris removal”.

Respectfully submitted,



DAN POLHEMUS
Administrator

APPROVED FOR SUBMITTAL



PETER T. YOUNG
Chairperson



Department of Land and Natural Resources
Northwestern Hawaiian Islands Permit Application Review



Permit Type: Management ☒ Recreation ☐ Research ☐
Education ☐ Cultural ☐ Special Ocean Use ☐

Working Title: Authorization/Approval to issue a Northwestern Hawaiian Islands (NWHI) Conservation and Management Permit to Cynthia Vanderlip of DLNR, DOFAW to access waters surrounding Kure Atoll in order to remove marine debris.

Project Applicant: DLNR, DOFAW **Principle Investigator:** Cynthia Vanderlip

Project Location(s) (Both State Waters and Monument): Kure Atoll

Project Dates and Duration: May 16, 2007 through October 31, 2007

Project Précis & Background *(Summary of project and why this is proposed):*

Removing marine debris from Kure Atoll addresses the need to minimize the damage debris causes to living resources. Thousands of pounds of derelict fishing gear drift into Kure Atoll's lagoon annually. The debris washes into the lagoon and snags on coral heads, killing the coral and destroying the coral reef ecosystem. Monk seals, turtles, seabirds, fish and invertebrates are injured or killed when they become entangled. Since 2002, DLNR/DOFAW personnel have removed an average of 3000 pounds of marine debris per year.

Are there other relevant permits that have/will be issued with regard to this project? Yes ☐
No ☒

What is the relevance to management and/or the improved understanding of NWHI & MHI?

Removing marine debris is critical to the State of Hawaii's efforts to mitigate the impact of derelict fishing gear at Kure Atoll

Could work be conducted outside the NWHI?: Yes ☐ No ☒

Explain: The debris is damaging resources within the NWHI, so this management activity must take place in-situ.

Has Applicant been granted a permit from the State in the past? Yes ☒ No ☐

If so, please summarize past permits:

In 2006, Cynthia Vanderlip was granted permit number DLNR.NWHI06R010 to conduct marine debris removal at Kure Atoll

Have there been any a) violations: Yes ☐ No ☒ **b) late/ incomplete reports:** Yes ☐ No ☒

Any other relevant concerns from previous permits? _____

Impact Analysis

Removing marine debris is critical to the State of Hawaii's efforts to mitigate the impact of derelict fishing gear at Kure Atoll. Although some disturbance to corals and other sea life is necessary to achieve the objective of this project, overall, the collection should have minimal impact on Monument resources. Debris removal will decrease the negative impact of marine debris on marine resources in State of Hawaii waters. Debris removal will have a positive cumulative impact of increasing the survival rate of these resources by increasing their potential to thrive in manners uninhibited by the damage caused by debris. Therefore, the end value of the activity outweighs the effects of the proposed disturbance associated with the physical removal of the debris.

Recommendations:

DAR Staff: Approve this permit application ☒ Reject this permit application ☐
NH CWG: Approve this permit application ☐ Reject this permit application ☐

Additional Comments:

Northwestern Hawaiian Islands Marine National Monument
Permit Application

NOTE: This Permit Application (and associated Instructions) are for activities to be conducted in the Northwestern Hawaiian Islands Marine National Monument, including Hawaiian Islands National Wildlife Refuge, the Midway Atoll National Wildlife Refuge, Battle of Midway National Memorial, Northwestern Hawaiian Islands State Marine Refuge, Kure Atoll Hawaii State Seabird Sanctuary, and the Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, please provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historical and cultural resources of the NWHI Marine National Monument (Monument).

Summary Information

Applicant name: Cynthia Vanderlip

Permit categories:

- ☐ Research – Please fill out Sections A-D (as applicable) and Appendix A
- ☒ Conservation and Management - Please fill out Sections A-D (as applicable) and Appendix A
- ☐ Education - Please fill out Sections A-D (as applicable) and Appendix B
- ☐ Native Hawaiian Practices - Please fill out Sections A-D (as applicable) and Appendix C
- ☐ Recreation (Midway ONLY) - Please fill out Sections A-D (as applicable) and Appendix D
- ☐ Special Ocean Use - Please fill out Sections A-D (as applicable) and Appendix E

Briefly describe permit activity:

- ☒ This application is for a RENEWAL of an existing permitted project.
- ☐ This application is for a NEW project.

When will the activity take place?

From: May 19, 2007 To: Oct. 5, 2007

NOTE: INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

Please Send Permit Applications to:

NWHI Marine National Monument Permit Coordinator

6600 Kalaniana'ole Hwy. # 300

Honolulu, HI 96825

Hoku.johnson@noaa.gov

PHONE: (808) 397-2660 FAX: (808) 397-2662

NOTE: SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, PLEASE SEE PG 7.

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Vanderlip, Cynthia, A

Title: Project leader

2. Mailing address (street/P.O. box, city, state, country, zip):

Phone: 808-352-6218

Fax:

Email: cici55@hotmail.com

For students, major professor's name, telephone and email address:

3. Affiliation (institution/agency/organization directly related to the proposed project):

State of Hawaii DLNR/DOFAW

University of Hawaii RCUH/CCRT

4. Additional persons to be covered by permit:

Jaap Eijzenga jeijzeng@hawaii.edu (808) 721-0698

Heather Eijzenga eijzenga@hawaii.edu (808) 535-1587

Michelle Hester michelle@oikonos.org (415) 868-1399

Christin McGuire mcguirec@hawaii.edu (808) 542-1559

Micah Ryder mcguirec@hawaii.edu (808) 542-1559

Bill Gilmartin Bill-Gilmartin@hawaii.rr.com (808) 985-7041

Sheldon Plentovich plentovi@hawaii.edu

Section B: Project Information

5a. Project location(s):

- | | | |
|---|-------------------------------------|---|
| <input type="checkbox"/> Nihoa Island | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input type="checkbox"/> Necker Island (Mokumanamana) | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input type="checkbox"/> French Frigate Shoals | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input type="checkbox"/> Gardner Pinnacles | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input type="checkbox"/> Maro Reef | | |
| <input type="checkbox"/> Laysan Island | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input type="checkbox"/> Lisianski Island, Neva Shoal | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input type="checkbox"/> Pearl and Hermes Atoll | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input type="checkbox"/> Midway Atoll | <input type="checkbox"/> Land-based | <input type="checkbox"/> Ocean-based |
| <input checked="" type="checkbox"/> Kure Atoll | <input type="checkbox"/> Land-based | <input checked="" type="checkbox"/> Ocean-based |
| <input type="checkbox"/> Other | | |

NOTE: Please note there is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:

Inside Kure Atoll Lagoon

5b. Check all applicable regulated activities proposed to be conducted in the Monument:

- ☒ Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving monument resource
- ☐ Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands
- ☐ Anchoring a vessel
- ☐ Deserting a vessel aground, at anchor, or adrift
- ☐ Discharging or depositing any material or matter into the monument
- ☒ Touching coral, living or dead
- ☐ Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the monument
- ☐ Attracting any living monument resource
- ☐ Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)
- ☐ Subsistence fishing (State waters only)
- ☐ Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

6. Purpose/Need/Scope State purpose of proposed activities:

Removing Marine debris from Kure Atoll addresses the need to minimize damage it causes to living resources. Thousands of pounds of derelict fishing gear drift into Kure Atoll's lagoon annually. The debris washes into the lagoon and snags on coral heads, killing the coral and destroying the coral reef ecosystem. Monk seals, turtles, seabirds, fish and invertebrates are injured or killed when they become

entangled. Since 2002, DLNR/DOFAW personnel have removed an average of 3000 pounds of marine debris per year.

7. As explained further in the instructions, please provide any information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historical and cultural resources of the Monument: Removing marine debris is critical to the States efforts to mitigate the impact of derelict fishing gear at Kure Atoll. Documenting the type of debris removed will assist managers investigating the cause of the problem. Documenting where the debris was found and the amount of fouling will assist managers projecting how much effort is needed and where to focus efforts in the future.

8. Procedures:

The leader of this project has 20 years of experience removing nets and lines from coral reefs and will supervise all activities. Debris Removal Protocols: 1) Nets will be cut, not pulled, from the reef to lessen the impact on the corals. 2) Divers using snorkeling equipment will be careful to not damage the surrounding reef while they remove debris. 3) Broken coral, coralline algae fragments and other living organisms entangled in nets will be removed underwater and returned to the coral reef. Marine mammals and turtles will be removed according to NMFS protocols. 4) Data on the location and types of debris removed will be collected in accordance with NOAA marine debris removal program and the data will be shared with them 5) Vessels with shallow drafts will be positioned in close proximity to the debris to lessen the effect of snagging the net on other corals as it is transported to the vessel. Kayaks will be used in areas that are too shallow for motor vessels. Anchoring will be limited to sandy areas far enough away from the reef to avoid chain and line damage to the reef. 6) Debris will be catalogued and stored on Kure's pier under tarps until NOAA marine debris teams remove it.

Section C: Logistics

9. Other permits (list and attach documentation of all other related Federal or State permits):

N/A

9a. For each of the permits listed, please identify any permit violations or any permit that was suspended, amended, modified or revoked for cause. Please explain the circumstances surrounding the violation or permit suspension, amendment, modification or revocation.

N/A

10. Funding sources (Please attach copies of your budget, specific to proposed activities under this permit and include funding sources. Please see instructions for more information):

State funds

11. Time frame:

Activity start: May 18, 2007

Activity completion: This is a multi- year activity and the completion date is indefinite. Marine debris removal from coral reefs will always be an activity that needs to be addressed on Kure Atoll.

Dates actively inside the Monument:

From: May 18, 2007

Please describe any limiting factors in declaring specific dates of the proposed activity at the time of application: DLNR personnel have not been confirmed on Hiialikai and Sette ship travel and Midway flights. Chief scientists of the NOAA vessels have received my request for transport and will confirm as soon as they have cruise plans. Midway flights for DLNR personnel will be booked as soon as FWS schedules them.

DLNR/DOFAW Personnel schedule inside the Monument:

Cynthia Vanderlip May 18 – October 30, 2007 (Sette, Hiialikai, Midway G1 flight)

Jaap and Heather Eijzenga: May 18 – Aug. 13 (Sette)

Michelle Hester: May – July (Sette, Hiialikai, Midway G1 flight)

Christin McGuire: July 19 – Sept 30 (Sette, Midway G1 flight)

Micah Ryder: July 19 – July 18 – Sept 30 (Sette, Midway G1 flight)

Bill Gilmartin: Aug 22 – Oct 5 (Sette Hiialikai, Midway G1 flight)

Sheldon Plentovich: Aug 22 – Oct 5 (Sette Hiialikai, Midway G1 flight)

One person to be announced: Aug 22 – Oct 5 (Sette Hiialikai, Midway G1 flight)

12. Please indicate (with attached documentation) what insurance policies, bonding coverage, and/or financial resources are in place to pay for or reimburse the Monument trustees for the necessary search and rescue, evacuation, and/or removal of any or all persons covered by the permit from the Monument:

All personnel are State of Hawaii employees and volunteers.

13. Please check the appropriate box to indicate how personnel will enter the Monument:

☒ Vessel (enter monument)

☒ Aircraft (exit monument)

Provide Vessel and Aircraft information:

NOAA vessel Sette and Hi'ialakai

Midway G1 flight, Air Service Hawaii

14. What certifications/inspections do you have scheduled for your vessel? Please fill in scheduled date (attach documentation):

☐ Rodent free, Date:

☐ Tender vessel, Date:

☐ Ballast water, Date:

☐ Gear/equipment, Date:

☐ Hull inspection, Date:

15. Vessel information (NOTE: if you are traveling aboard a National Oceanic and Atmospheric Administration vessel, skip this question):

Vessel name:
Vessel owner:
Captain's name:
IMO#:
Vessel ID#:
Flag:
Vessel type:
Call sign:
Embarkation port:
Last port vessel will have been at prior to this embarkation:
Length:
Gross tonnage:
Total ballast water capacity volume (m3):
Total number of ballast water tanks on ship:
Total fuel capacity:
Total number of fuel tanks on ship:
Marine Sanitation Device:
Type :

How will you comply with the 'No Discharge' regulations stipulated in Presidential Proclamation 8031? Describe in detail. If applicable, please attach schematics of the vessel's discharge and treatment systems:

Other fuel/hazardous materials to be carried on board and amounts:

Please provide proof of a National Oceanic and Atmospheric Administration (NOAA) Office of Law Enforcement-approved Vessel Monitoring System (VMS). Please provide the name and contact information of the contractor responsible for installing the VMS system. Please also describe unit name and type:

VMS Email:
Inmarsat ID#:

16. Tender information:

On what workboats (tenders) will personnel, gear and materials be transported within the Monument? Please list the number of tenders/skiffs aboard and specific types of motors:

two vessels: Twin Vee 17' Power Cat, and 10' inflatable Apex. These vessels stay on Kure Atoll and are not transported between Honolulu and the Monument.

Three engines will be transported into the monument. They will be washed with bleach and fumigated before they are loaded on to the Sette. 25hp yamaha 4 stroke engine, 9.9 honda 4 stroke engine, 15 hp honda 4 stroke engine

Section D: Additional Information for Land Based Operations

17. Proposed movement of personnel, gear, materials, and, if applicable, samples:

18. Room and board requirements on island:

19. Work space needs:

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct.



Signature

Date

January 28, 2007

PLEASE SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE BELOW:

NWHI Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825
FAX: (808) 397-2662

DID YOU INCLUDE THESE?

- ☒ Applicant CV/Resume/Biography
- ☒ Electronic and Hard Copy of Application with Signature
- ☐ Map(s) or GPS point(s) of Project Location(s), if applicable
- ☐ Funding Proposal(s)
- ☐ Funding and Award Documentation, if already received
- ☐ Documentation of Insurance, if already received
- ☐ Documentation of Inspections
- ☐ Documentation of all required Federal and State Permits or applications for permits
- ☐ Statement of information you wish to be kept confidential

Appendix A: Research OR Conservation and Management Application

NOTE: If land or marine archeological activities are involved, please contact the Monument Permit Coordinator at the address on the general application form before proceeding, as a customized application will be needed. For more information, please contact the Monument office on the first page of this application.

1a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary): n/a

Common name:

Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

1b. What will be done with the specimens after the project has ended? N/a

1c. Will the organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

• Is it an open or closed system? ☐ Open ☐ Closed

• Is there an outfall? ☐ Yes ☐ No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

2. If applicable, how will the collected samples or specimens be transported out of the Monument?

3. Describe collaborative activities to share samples, reduce duplicative sampling, or duplicative research:

4a. Gear and materials:

4b. Please list all Hazardous Materials you propose to take to and use within the Monument: none

5. Fixed installations and instrumentation: n/a

6. Provide a time line for sample analysis, data analysis, write-up and publication of information: report within 30 days of return from Kure.

7. List all publications directly related to the proposed project: n/a

DID YOU INCLUDE THESE?

☐ Material Safety Data Sheets for Hazardous Materials

Appendix B: Education Application

1. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere? N/a

2. Gear and materials: snorkeling equipment. All snorkeling gear will be washed with bleach fresh water solution within one week before transport.

3. Fixed installations and instrumentation: N/A

4. Is your proposed activity based on a State Department of Education Standards Based Curriculum? If so, please describe: N/A

5. What materials, products or deliverables will be developed as a result of your proposed activity? Provide a time line for write-up and publication of information or production of educational materials: N/A

6. List all publications/references directly related to the proposed project: N/A

7a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary): N/A

Common name:

Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

7b. What will be done with the specimens after the project has ended?

7c. Will the organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

• Is it an open or closed system? ☐ Open ☐ Closed

• Is there an outfall? ☐ Yes ☐ No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

8. If applicable, how will the collected samples be transported out of the Monument?

Appendix C: Native Hawaiian Practices Application

1. Please state how the purpose and intent of the activity are appropriate and deemed necessary by traditional standards in the Native Hawaiian culture (pono), and demonstrate an understanding of, and background in, the traditional practice, and its associated values and protocols:

2. Please state how the activity benefits the resources of the Northwestern Hawaiian Islands and the Native Hawaiian community:

3. Please state how the activity supports or advances the perpetuation of traditional knowledge and ancestral connections of Native Hawaiians to the Northwestern Hawaiian Islands:

4. Will you be collecting any Monument resource? ☐ Yes ☐ No
If so, please provide the following information:

4a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

Common name and/or Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

4b. What will be done with the specimens after the Native Hawaiian cultural practice is complete?

4c. Will organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

• Is it an open or closed system? ☐ Open ☐ Closed

• Is there an outfall? ☐ Yes ☐ No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

NOTE: Any Monument resource harvested from the Monument for the purpose of Native Hawaiian practices will be consumed in the Monument.

5. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

6. Gear and materials:

7. Will you erect any Native Hawaiian cultural structures or leave any offerings in the Monument? ☐ Yes ☐ No

If so, please describe:

8. Will you produce any publications, educational materials or other deliverables?
☐ Yes ☐ No

Provide a time line for write-up and publication of information or production of materials:

Appendix D: Recreation Application

For Activities in the Midway Atoll Special Management Area Only

- 1. Please explain how the activity is for the purpose of recreation as defined: An activity conducted for personal enjoyment that does not result in the extraction of Monument resources and that does not involve a fee-for-service transaction:**
- 2. Other Associated Monument Permits:**
- 3. Gear and materials:**
- 4. Fixed installations and instrumentation:**

Appendix E: Special Ocean Use Application

NOTE: If this is a first time Special Ocean Use activity, it will be subject to a pilot project.

1. Please provide proof of general liability insurance, or indicate that you will be posting an equivalent bond against claims arising out of activities conducted under the permit:

2. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

3. Gear and materials:

4. Fixed installations and instrumentation:

5. List all publications directly related to the proposed project:

For projects occurring within the Midway Atoll Special Management Area answer the following questions:

6. Please explain how your activity has been found compatible with the purposes for which the Midway Atoll National Wildlife Refuge was designated?

7. Please explain how your activity meets the requirement of furthering conservation and management of the Monument:

For projects occurring outside of the Midway Atoll Special Management Area answer the following questions:

8. Please explain how the proposed activity will directly benefit the conservation and management of the Monument:

9. Please explain how the purpose of the proposed activity is for research and education related to resources or qualities of the Monument:

NOTE: SPECIAL OCEAN USE PERMITS OUTSIDE THE MIDWAY ATOLL SPECIAL MANAGEMENT AREA DO NOT ALLOW THE USE OF A COMMERCIAL PASSENGER VESSEL. A commercial passenger vessel is defined by the monument regulations as a vessel that carries individuals who have paid for such carriage.